

SITE DESCRIPTION

PROJECT LIMITS:

AN APPROXIMATE 4 SIDED PARCEL OF LAND SITUATED BETWEEN THE FOLLOWING: EXISTING DART TRANSIT CENTER, ARAPAHO ROAD, ADDISON ROAD AND A FUTURE DART RAIL LINE.

PROJECT DESCRIPTION:

CONSTRUCTION OF A 13,000 S.F. PAVED PARKING LOT WITH PARK LIKE LANDSCAPING, GRADING, DRAINAGE, SUBGRADE PREPARATION, CURBING, CONCRETE PAVING, SIGNING, AND PAVEMENT MARKINGS. UPGRADE EXISTING UTILITIES AND STORM DRAINAGE IMPROVEMENTS.

MAJOR SOIL DISTURBING ACTIVITIES:

CLEARING AND GRUBBING, GRADING, EXCAVATION, COMPACTION, DRIVEWAYS AND PARKING LOTS CONCRETE FORMWORK, STORM SEWER CONSTRUCTION, EROSION AND SEDIMENT CONTROLS, AND TOPSOIL WORK FOR FINAL PLANTING AND SEEDING.

TOTAL PROJECT AREA: 0.514 ACRES

TOTAL AREA TO BE DISTURBED: 0.396 ACRES

WEIGHTED RUNOFF COEFFICIENT (AFTER CONSTRUCTION): 0.68

EXISTING CONDITION OF SOIL & VEGETATIVE COVER AND % OF EXISTING VEGETATIVE COVER:

THE SITE IS GENERALLY COVERED WITH SHORT GRASS. THE SITE IS LOCATED IN AN AREA UNDERLAIN BY DEPOSITS OF THE AUSTIN CHALK LIMESTONE FORMATION CONSISTS OF GRAY CHALKY LIMESTONE WITH SOME SHALE AND PARTINGS.

NAME OF RECEIVING WATERS:

THE PROJECT DRAINS INTO THE WHITE ROCK CREEK VIA UNDERGROUND STORM SEWERS AND OPEN CHANNELS.

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES:

- TEMPORARY SEEDING
- PERMANENT PLANTING, SODDING, OR SEEDING
- MULCHING
- SOIL RETENTION BLANKET
- BUFFER ZONE
- PRESERVATION OF NATURAL RESOURCES

OTHER:

DISTURBED AREAS ON WHICH CONSTRUCTION ACTIVITY HAS CEASED (TEMPORARILY OR PERMANENTLY) SHALL BE STABILIZED WITHIN 14 DAYS UNLESS ACTIVITIES ARE SCHEDULED TO RESUME WITHIN 21 DAYS.

( ) DENOTES NOTES UNDER STRUCTURAL PRACTICES: OTHER.

EROSION AND SEDIMENT CONTROLS

STRUCTURAL PRACTICES:

- SILT FENCES
- HAY BALES
- ROCK BERMS
- DIVERSION, INTERCEPTOR, OR PERIMETER DIKES
- DIVERSION, INTERCEPTOR, OR PERIMETER SWALES
- DIVERSION DIKE AND SWALE COMBINATIONS
- PIPE SLOPE DRAINS
- PAVED FLUMES
- ROCK BEDDING AT CONSTRUCTION EXIT
- TIMBER MATTING AT CONSTRUCTION EXIT
- CHANNEL LINERS
- SEDIMENT TRAPS
- SEDIMENT BASIN
- STORM INLET SEDIMENT TRAP
- STONE OUTLET STRUCTURES
- CURBS AND GUTTERS
- STORM SEWERS
- VELOCITY CONTROL DEVICES

OTHER:

NOTES:

1. INSTALL SOIL RETENTION BLANKETS ON ALL EXPOSED SLOPES GREATER THAN 3:1 AT THE DIRECTION OF THE DART ENGINEER, OR AS SPECIFICALLY SHOWN ON THE DRAWINGS.
2. DIVERSION, INTERCEPTOR, OR PERIMETER DIKES AND/OR SWALES SHALL BE INSTALLED AT THE DIRECTION OF THE DART ENGINEER, OR AS SPECIFICALLY SHOWN ON THE DRAWINGS.
3. THE CONTRACTOR MAY BE REQUIRED BY THE DART ENGINEER TO INSTALL OTHER STRUCTURAL CONTROL MEASURES NOT NOTED ABOVE.

NARRATIVE - SEQUENCE OF CONSTRUCTION (STORM WATER MANAGEMENT) ACTIVITIES:

THE ORDER OF ACTIVITIES SHALL BE AS FOLLOWS:

1. INSTALL INLET PROTECTION FILTERS AT EXISTING INLETS IN EXISTING PARKING LOT AND ALONG ARAPAHO RD. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES.
2. INSTALL SILT FENCES, AND/OR CURB INLET SEDIMENT FILTERS:
  - A. AROUND TOPSOIL STOCKPILES AND AT EMBANKMENT AND EXCAVATION LOCATIONS.
  - B. AROUND ALL NEW AND TEMPORARY INLETS AS SOON AS THEY ARE FUNCTIONAL.
3. GRADE THE PROJECT TO SUBGRADE. TEMPORARILY SEED OR MULCH THE DISTURBED AREAS UNLESS CONSTRUCTION ACTIVITY IS TO RESUME WITHIN 21 DAYS.
4. INSTALL SOIL RETENTION BLANKETS ON ALL EXPOSED SLOPES GREATER THAN 3:1.
5. CONSTRUCT IMPROVEMENTS AND DETOURS WITHIN PROJECT LIMITS.
6. APPLY PERMANENT SEEDING WHERE APPLICABLE.
7. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED AND APPROVED BY THE ENGINEER, REMOVE ALL TEMPORARY STRUCTURAL CONTROLS AND RE-SEED ANY AREAS DISTURBED BY THEIR REMOVAL. ANY PERIMETER CONTROLS SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION OF THE AREA UPSTREAM.

STORM WATER MANAGEMENT:

STORM WATER RUNOFF WILL BE COLLECTED BY THE ON-SITE GRATE INLETS, CURB INLETS, AND UNDERGROUND STORM SEWER SYSTEMS ALONG QUORUM DR. AND ARAPAHO RD. THESE SYSTEMS WILL CARRY DRAINAGE WITHIN THE DART PROPERTY TO THE TOWN OF ADDISON STORM SEWER SYSTEMS. PERMANENT EROSION CONTROLS INCLUDE HYDRAULIC DESIGN TO LIMIT STRUCTURE OUTLET VELOCITIES AND FINAL GRADING GENERALLY CONSISTING OF 6:1 OR FLATTER SLOPES WITH A PERMANENT VEGETATIVE COVER.

OTHER EROSION AND SEDIMENT CONTROLS:

MAINTENANCE:

ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE DONE AT THE EARLIEST DATE POSSIBLE, BUT NO LATER THAN 7 CALENDAR DAYS AFTER THE SURROUNDING EXPOSED GROUND HAS DRIED SUFFICIENTLY TO PREVENT FURTHER DAMAGE FROM HEAVY EQUIPMENT. THE AREAS ADJACENT TO CREEKS AND DRAINAGE WAYS SHALL HAVE PRIORITY FOLLOWED BY DEVICES PROTECTING STORM SEWER INLETS.

INSPECTION:

AN INSPECTION WILL BE PERFORMED BY A DART INSPECTOR EVERY WEEK AS WELL AS AFTER EVERY RAIN OF HAL INCH OR MORE (AS RECORDED ON A RAIN GAUGE TO BE LOCATED AT THE PROJECT SITE). AN INSPECTION AND MAINTENANCE REPORT WILL BE MADE PER EACH INSPECTION. BASED ON THE INSPECTION RESULTS, THE CONTROLS SHALL BE REVISED PER THE INSPECTION REPORT.

WASTE MATERIALS:

ALL WASTE MATERIALS WILL BE COLLECTED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL STATE AND LOCAL CITY SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION, AND THE TRASH WILL BE HAULED TO A LOCAL DUMP. NO CONSTRUCTION WASTE MATERIAL WILL BE BURIED ON SITE.

HAZARDOUS WASTE (INCLUDING SPILL REPORTING):

AT A MINIMUM, ANY PRODUCTS IN THE FOLLOWING CATEGORIES ARE CONSIDERED TO BE HAZARDOUS: PAINTS, ACIDS FOR CLEANING MASONRY SURFACES, CLEANING SOLVENTS, ASPHALT PRODUCTS, CHEMICAL ADDITIVES FOR SOIL STABILIZATION, OR CONCRETE CURING COMPOUNDS AND ADDITIVES. IN THE EVENT OF A SPILL WHICH MAY BE HAZARDOUS, THE AUTHORITY SHOULD BE CONTACTED IMMEDIATELY.

SANITARY WASTE:

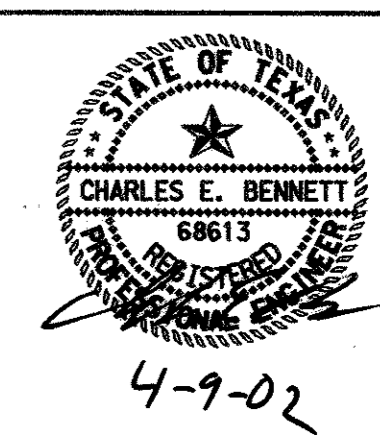
ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.

OFFSITE VEHICLE TRACKING:

- HAUL ROADS DAMPENED FOR DUST CONTROL
- LOADED HAUL TRUCKS TO BE COVERED WITH TARPULIN
- EXCESS DIRT ON ROAD REMOVED DAILY
- STABILIZED CONSTRUCTION ENTRANCE

OTHER:

DISPOSAL AREAS, STOCKPILES, AND HAUL ROADS SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE AND CONTROL THE AMOUNT OF SEDIMENT THAT MAY ENTER RECEIVING WATERS. DISPOSAL AREAS SHALL NOT BE LOCATED IN ANY WETLAND, WATERBODY, OR STREAMBED. CONSTRUCTION STAGING AREAS AND HAUL ROADS SHALL BE CONSTRUCTED IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS. ALL WATERWAYS SHALL BE CLEARED AS SOON AS PRACTICABLE OR TEMPORARY EMBANKMENTS, TEMPORARY BRIDGES, MATTING, FALSEWORK, PILING, DEBRIS OR OTHER OBSTRUCTIONS PLACED DURING CONSTRUCTION OPERATIONS THAT ARE NOT A PART OF THE FINISHED WORK.



CONTRACT SHEET NO. 9 OF 13

ADDISON TRANSIT CENTER SWPPP GENERAL NOTES

**DART PROJECT**

SCALE

DRAWN J. RATCLIFF  
DESIGNED J. RATCLIFF  
CHECKED C. BENNETT  
IN CHARGE G. SHIPPY  
DATE APRIL 2002

TURNER COLLIE & BRADEN INC.  
LINDA TYCHER & ASSOCIATES  
ARS ENGINEERS INC.

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